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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	4	OCT 28	KOREAPAT now available on STN
NEWS	5	NOV 30	PHAR reloaded with additional data
NEWS	6	DEC 01	LISA now available on STN
NEWS	7	DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8	DEC 15	MEDLINE update schedule for December 2004
NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005
NEWS	17	JAN 11	CA/CAPLUS - Expanded patent coverage to include Russia (Federal Institute of Industrial Property)
NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:28:28 ON 26 JAN 2005

=> file agricola caplus biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'AGRICOLA' ENTERED AT 09:28:40 ON 26 JAN 2005

FILE 'CAPLUS' ENTERED AT 09:28:40 ON 26 JAN 2005
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FILE 'BIOSIS' ENTERED AT 09:28:40 ON 26 JAN 2005
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=> s gene silenc? or co-suppress? or cosuppress? or rna silenc?
L1 7760 GENE SILENC? OR CO-SUPPRESS? OR COSUPPRESS? OR RNA SILENC?

=> s l1 and exonuclease
L2 16 L1 AND EXONUCLEASE

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 10 DUP REM L2 (6 DUPLICATES REMOVED)

=> d 1-10 ti

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
TI Know-how of RNA interference and its applications in research and therapy

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and **gene silencing**

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI RNase III-mediated degradation of unspliced pre-mRNAs and lariat introns

L3 ANSWER 4 OF 10 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
TI A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' **exonuclease** domain and methods of controlling gene expression and **gene silencing** in plants

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Chimeric oligonucleotides based on 2'-O-modified oligoribonucleotides with the terminal 3'-3' internucleotide linkage as potential inhibitors of MDR 1 gene expression

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI ROS1, a repressor of transcriptional **gene silencing** in Arabidopsis, encodes a DNA glycosylase/lyase

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
TI Molecular characterisation of RecQ homologues in Arabidopsis thaliana

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4
TI Silencing of β -1,3-glucanase genes in tobacco correlates with an

increased abundance of RNA degradation intermediates

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5
TI Suppression of RecJ **exonuclease** mutants of Escherichia coli by alterations in DNA helicases II (uvr D) and IV (hcd)

=> d 2 ab

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AB The present invention relates to methods to regulate gene expression in plants. In particular, manipulation of the expression in a plant cell of a nucleotide sequence encoding a polypeptide comprising a 3'-5' **exonuclease** domain is disclosed. More stable and predictable expression is thus obtained. The present invention also relates to method of increasing or decreasing post-transcriptional silencing. The invention further relates to novel nucleic acid mols. comprising nucleotide sequences encoding polypeptides comprising a 3'-5' **exonuclease** domain.

=> d 2 pi

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003027257	A2	20030403	WO 2002-US30895	20020927
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

=> d 3 ab

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AB Double-stranded RNA (dsRNA) has emerged as a modulator of gene expression, from **gene silencing** to antiviral responses. Here we show that dsRNA stem-loop structures found in intronic regions of the Saccharomyce cerevisiae RPS22B and RPL18A transcripts trigger degradation of unspliced pre-mRNAs and lariat introns and can control the level of mRNA produced from these intron-containing genes. The dsRNA regions are cleaved by Rnt1p, the yeast homolog of RNase III, which creates an entry site for complete degradation by the Xrn1p and Rat1p exonucleases and by the nuclear exosome. These results identify an alternative discard pathway for precursors and products of the splicing machinery and a physiol. function for dsRNA in eukaryotic RNA catabolism.

=> d 4 ab

L3 ANSWER 4 OF 10 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
AB Post-transcriptional **gene silencing** (PTGS) and the closely related phenomenon RNA interference (RNAi) result from the initial endonucleolytic cleavage of target mRNAs, which are then presumed to be

completely hydrolyzed by exoribonucleases. To date, no plant genes required for PTGS are known to encode exoribonucleases. The Arabidopsis Werner Syndrome-like **exonuclease** (WEX) gene encodes an RNase D domain most similar to that in human Werner Syndrome protein (WRN), but lacks the RecQ helicase domain. It is also related to Caenorhabditis elegans mut-7, which is essential for RNAi, PTGS, and transposon activity. We isolated a loss-of-function mutant, wex-1, that showed greatly reduced expression of WEX mRNA and early flowering. Although wex-1 did not affect expression of a robust marker for transcriptional **gene silencing** (TGS), PTGS of a green-fluorescent-protein (GFP) reporter gene was blocked in wex-1 and restored by ectopic expression of WEX, indicating that WEX is required for PTGS but not TGS. Thus, members of the RNase D protein family are required for PTGS in both plants and animals. Interestingly, WEX has been shown to interact with an Arabidopsis RecQ helicase, suggesting that these proteins might comprise a functional equivalent of WRN.

=> d 4 so

L3 ANSWER 4 OF 10 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
 SO Plant journal, 2003 Aug. Vol. 35, no. 3 p. 342-349
 ISSN: 0960-7412

=> d 5 ab

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AB The present invention relates to methods to regulate gene expression in plants. In particular, manipulation of the expression in a plant cell of a nucleotide sequence encoding a polypeptide comprising a 3'-5' **exonuclease** domain is disclosed. More stable and predictable expression is thus obtained. The present invention also relates to method of increasing or decreasing post-transcriptional silencing. The invention further relates to novel nucleic acid mols. comprising nucleotide sequences encoding polypeptides comprising a 3'-5' **exonuclease** domain.

=> d 5 pi

L3	ANSWER 5 OF 10	CAPLUS	COPYRIGHT 2005	ACS on STN	
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2002010362	A2	20020207	WO 2001-EP8825	20010730
	WO 2002010362	C2	20020919		
	WO 2002010362	A3	20030130		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003166227	A1	20030904	US 2001-896186	20010629
	CA 2416710	AA	20020207	CA 2001-2416710	20010730
	EP 1305405	A2	20030502	EP 2001-962889	20010730
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

=> s ((levin, j?) or (levin j?))/au

L4 2108 ((LEVIN, J?) OR (LEVIN J?))/AU

=> s l4 and exonuclease

L5 11 L4 AND EXONUCLEASE

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 7 DUP REM L5 (4 DUPLICATES REMOVED)

=> d 1-7 ti

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene silencing

L6 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

TI (Correction of Previews 200300410092. A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.).

L6 ANSWER 3 OF 7 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1

TI A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' **exonuclease** domain and methods of controlling gene expression and gene silencing in plants

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2

TI In vitro detection of endonuclease IV-specific DNA damage formed by bleomycin in vivo

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3

TI Analysis of class II (hydrolytic) and class I (β -lyase) apurinic/apyrimidinic endonucleases with a synthetic DNA substrate

L6 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

TI ENZYMATIC REPAIR OF SPECIFIC OXIDATIVE DAMAGES TO DNA DEOXYRIBOSE IN ESCHERICHIA-COLI.

=> d 3 ab

L6 ANSWER 3 OF 7 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1

AB Post-transcriptional gene silencing (PTGS) and the closely related phenomenon RNA interference (RNAi) result from the initial endonucleolytic cleavage of target mRNAs, which are then presumed to be completely hydrolyzed by exoribonucleases. To date, no plant genes required for PTGS are known to encode exoribonucleases. The Arabidopsis Werner Syndrome-like **exonuclease** (WEX) gene encodes an RNase D domain most similar to that in human Werner Syndrome protein (WRN), but lacks the RecQ helicase domain. It is also related to Caenorhabditis elegans mut-7, which is

essential for RNAi, PTGS, and transposon activity. We isolated a loss-of-function mutant, *wex-1*, that showed greatly reduced expression of WEX mRNA and early flowering. Although *wex-1* did not affect expression of a robust marker for transcriptional gene silencing (TGS), PTGS of a green-fluorescent-protein (GFP) reporter gene was blocked in *wex-1* and restored by ectopic expression of WEX, indicating that WEX is required for PTGS but not TGS. Thus, members of the RNase D protein family are required for PTGS in both plants and animals. Interestingly, WEX has been shown to interact with an Arabidopsis RecQ helicase, suggesting that these proteins might comprise a functional equivalent of WRN.

=> d 3 so

L6 ANSWER 3 OF 7 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1
SO Plant journal, 2003 Aug. Vol. 35, no. 3 p. 342-349
ISSN: 0960-7412

=> l4 and (silenc? or cosuppress?)

L4 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s l4 and (silenc? or cosuppress?)

L7 9 L4 AND (SILENC? OR COSUPPRESS?)

=> dup rem l7

PROCESSING COMPLETED FOR L7

L8 6 DUP REM L7 (3 DUPLICATES REMOVED)

=> d 1-6 ti

L8 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene **silencing**

L8 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional **silencing** in Arabidopsis. Correction of author names.).

L8 ANSWER 3 OF 6 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1

TI A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional **silencing** in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L8 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' exonuclease domain and methods of controlling gene expression and gene **silencing** in plants

L8 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

TI The effects of matrix attachment regions on RNA-mediated virus resistance

L8 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2

TI Methods of double-stranded RNA-mediated gene inactivation in Arabidopsis

and their use to define an essential gene in methionine biosynthesis

```
=> s ((phillips k?) or (phillips, k?))/au
L9      1146 ((PHILLIPS K?) OR (PHILLIPS, K?))/AU
```

```
=> s l9 and exonuclease
L10      5 L9 AND EXONUCLEASE
```

```
=> dup rem l10
PROCESSING COMPLETED FOR L10
L11      3 DUP REM L10 (2 DUPLICATES REMOVED)
```

```
=> d 1-3 ti
```

```
L11 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D
exonuclease-like protein is required for post-transcriptional
silencing in Arabidopsis. Correction of author names.).
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L11 ANSWER 2 OF 3 AGRICOLA Compiled and distributed by the National
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of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1
```

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TI A gene encoding an RNase D exonuclease-like protein is required
for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v.
36, number 5, p. 741.]
```

```
L11 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cdna and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants
```

```
=> s ((glazov e?) or (glavoz, e?))/au
L12      27 ((GLAZOV E?) OR (GLAVOZ, E?))/AU
```

```
=> dup rem l12
PROCESSING COMPLETED FOR L12
L13      24 DUP REM L12 (3 DUPLICATES REMOVED)
```

```
=> s l13 and exonuclease
L14      3 L13 AND EXONUCLEASE
```

```
=> d 1-3 ti
```

```
L14 ANSWER 1 OF 3 AGRICOLA Compiled and distributed by the National
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of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
```

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TI A gene encoding an RNase D exonuclease-like protein is required
for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v.
36, number 5, p. 741.]
```

```
L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cdna and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants
```

```
L14 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D
exonuclease-like protein is required for post-transcriptional
silencing in Arabidopsis. Correction of author names.).
```

=> s plant and transgenic and exonuclease
L15 12 PLANT AND TRANSGENIC AND EXONUCLEASE

=> dup rem l15
PROCESSING COMPLETED FOR L15
L16 11 DUP REM L15 (1 DUPLICATE REMOVED)

=> d 1-11 ti

L16 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI The Nanoarchaeum equitans genome and its putative open reading frames encoding polypeptides and their uses

L16 ANSWER 2 OF 11 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

TI Differences in the processing of DNA ends in Arabidopsis thaliana and tobacco: possible implications for genome evolution.

L16 ANSWER 3 OF 11 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

TI A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L16 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Genes essential for early growth of Arabidopsis thaliana and their use in the development of novel herbicides

L16 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Whole cell engineering by mutagenizing a substantial portion of a starting genome and combining mutations with optional reiteration

L16 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Detection of nucleic acids by selective depolymerization of probes hybridized to a target sequence and detection of specific hydrolysis products

L16 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Generation of genetic vaccines and immunomodulatory polynucleotides by non-stochastic directed evolution techniques

L16 ANSWER 8 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI Interaction between composite elements in the napA promoter: Both the B-box ABA-responsive complex and the RY/G complex are necessary for seed-specific expression.

L16 ANSWER 9 OF 11 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1

TI Interaction between composite elements in the napA promoter: both the B-box ABA-responsive complex and the RY/G complex are necessary for seed-specific expression.

L16 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Silencing of β -1,3-glucanase genes in tobacco correlates with an increased abundance of RNA degradation intermediates

L16 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Application of PCR to **transgenic** plants

=> s ((budziszewski, g?) or (budziszewski g?))/au
L17 0 ((BUDZISZEWSKI, G?) OR (BUDZISZEWSKI G?))/AU

=> s ((budziszewski, g?) or (budziszewski g?))/au
L18 27 ((BUDZISZEWSKI, G?) OR (BUDZISZEWSKI G?))/AU

=> s l18 and exonuclease
L19 6 L18 AND EXONUCLEASE

=> dup rem l19
PROCESSING COMPLETED FOR L19
L20 4 DUP REM L19 (2 DUPLICATES REMOVED)

=> d 1-4 ti

L20 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene silencing

L20 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.).

L20 ANSWER 3 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L20 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' **exonuclease** domain and methods of controlling gene expression and gene silencing in plants

=> s ((meins, f) or (meins f?))/au
L21 350 ((MEINS, F) OR (MEINS F?))/AU

=> s l21 and exonuclease
L22 5 L21 AND EXONUCLEASE

=> dup rem l22
PROCESSING COMPLETED FOR L22
L23 3 DUP REM L22 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L23 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.).

L23 ANSWER 2 OF 3 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
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for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L23 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' **exonuclease** domain and methods of controlling gene expression and gene silencing in plants

=> s ((glazov e?) or (glazov, e?))/au
L24 27 ((GLAZOV E?) OR (GLAZOV, E?))/AU

=> s l24 and exonuclease
L25 5 L24 AND EXONUCLEASE

=> dup rem l25
PROCESSING COMPLETED FOR L25
L26 3 DUP REM L25 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L26 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.).

L26 ANSWER 2 OF 3 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L26 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' **exonuclease** domain and methods of controlling gene expression and gene silencing in plants

WEST Search History



DATE: Wednesday, January 26, 2005

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	L2 and 3-5 exonuclease	12
<input type="checkbox"/>	L2	L1 and plant	701
<input type="checkbox"/>	L1	exonuclease and (silenc\$ or co-suppres\$ or cosuppres\$)	882

END OF SEARCH HISTORY